

ABSTRACT

The present invention provides a pharmaceutical composition containing a substance which inhibits the proliferation of synovial tissue or synovial cells and the interleukin-6 production. It also provides a pharmaceutical composition for inhibiting the proliferation of synovial tissue or synovial cells and the interleukin-6 production, which is useful for diagnosing and treating at least one selected from the group consisting of rheumatoid arthritis, fibrosis, arthritis, cancers, and cerebral neural diseases. In addition, it provides a method for inhibiting the proliferation of synovial cells and the interleukin-6 production by inhibiting the expression of hsHRD3 in synovial cells.